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FIG. 1

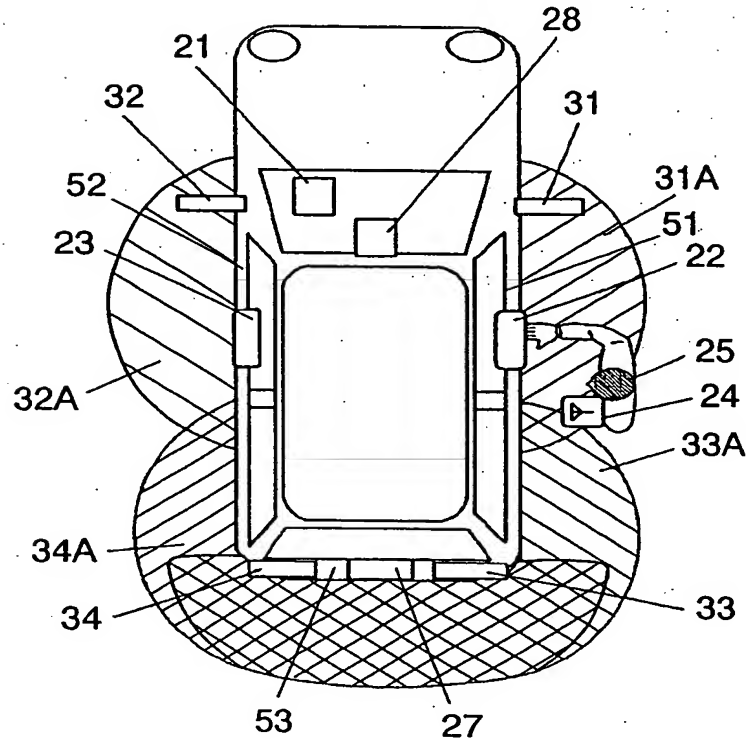
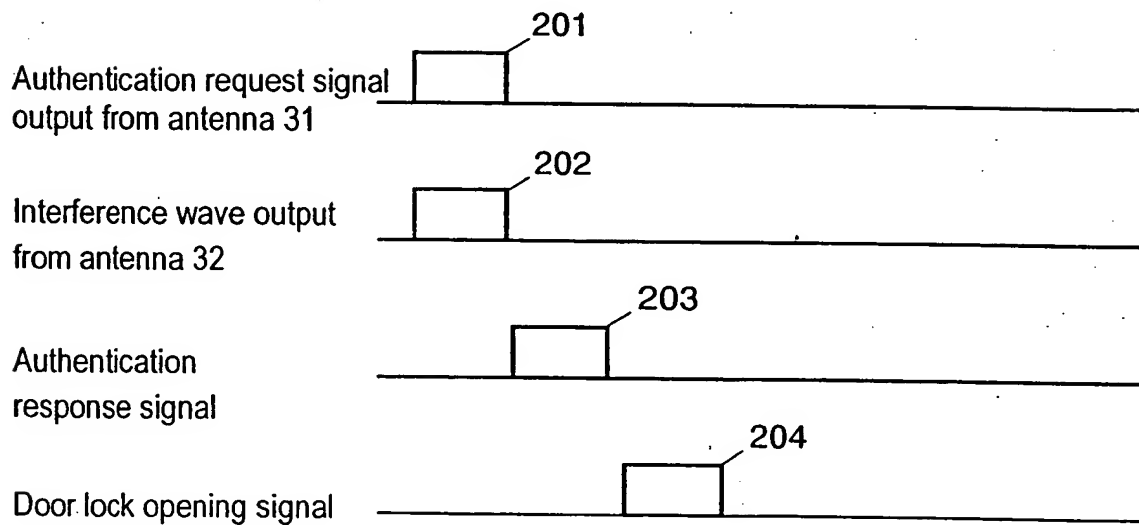
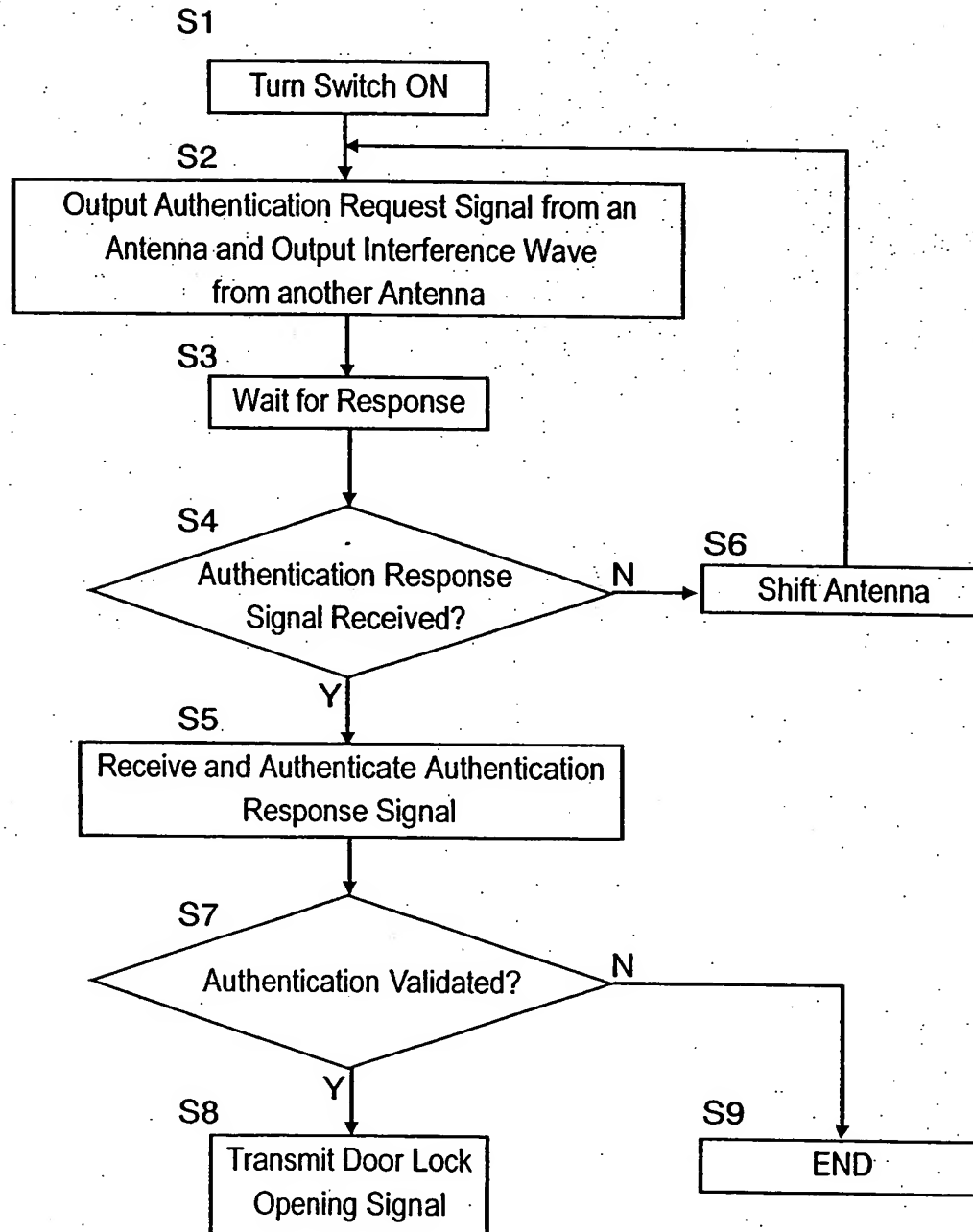


FIG. 2



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FIG. 3



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FIG. 4

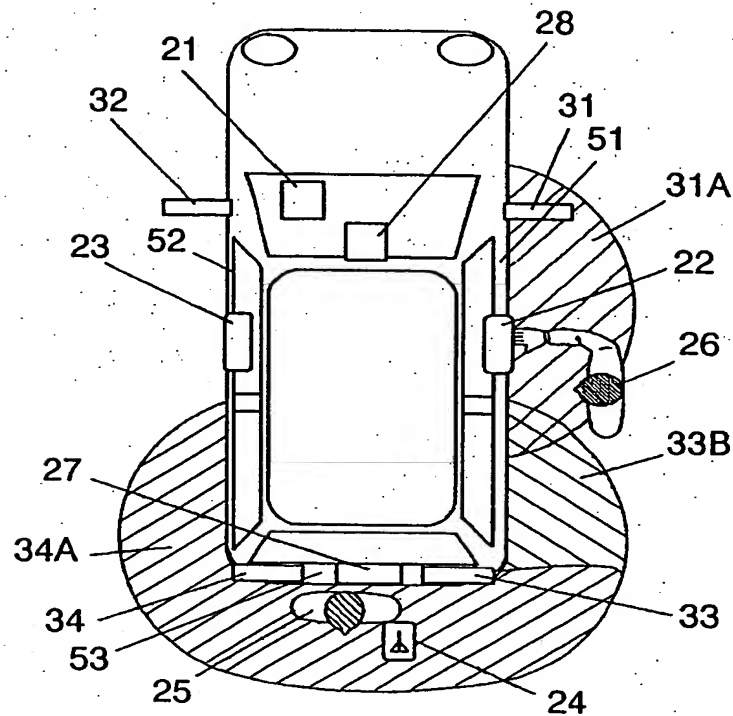
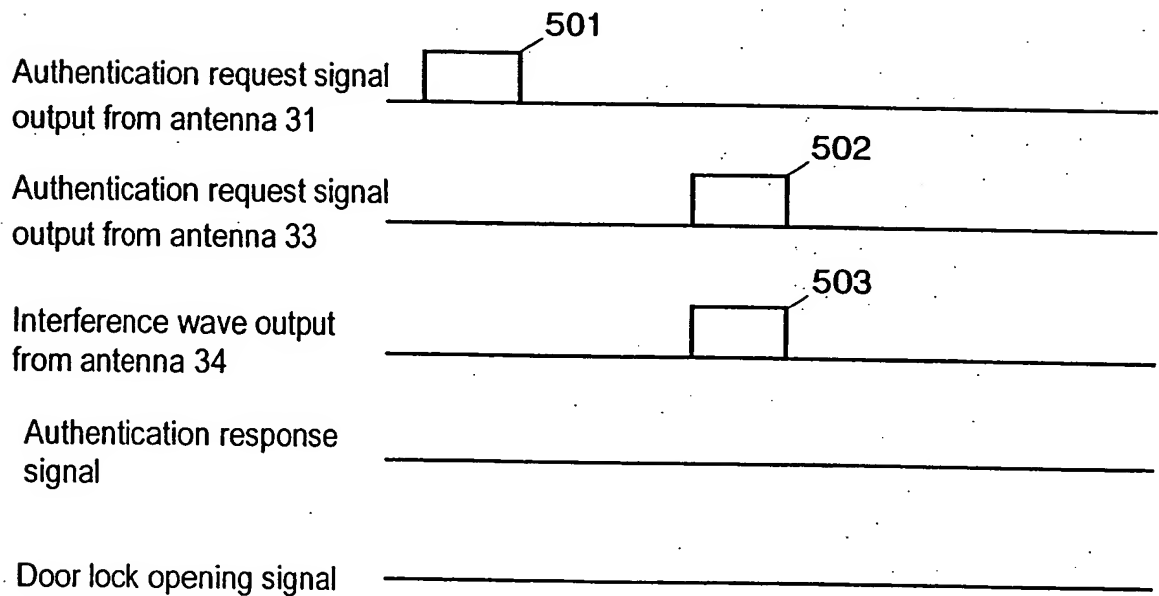


FIG. 5



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FIG. 6

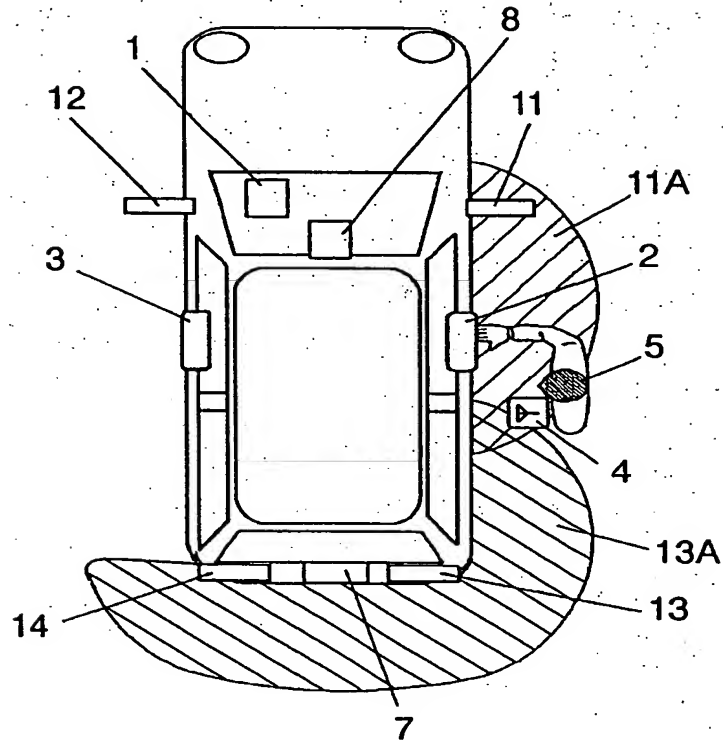
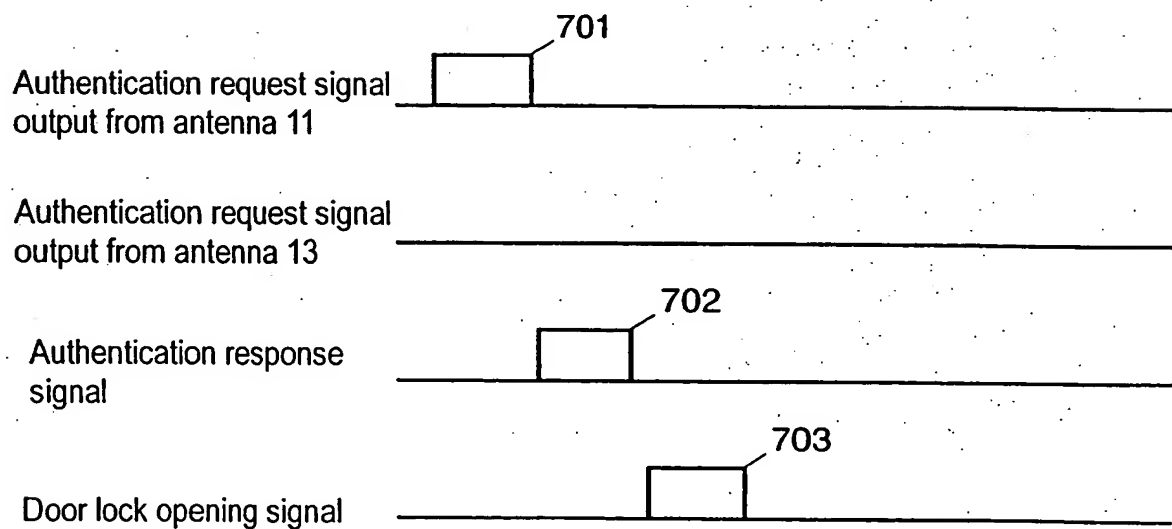


FIG. 7



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FIG. 8

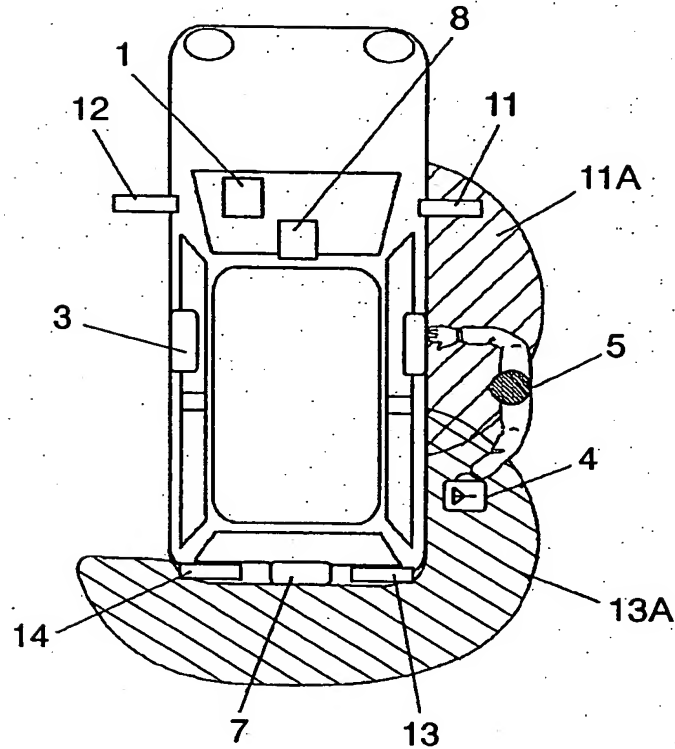
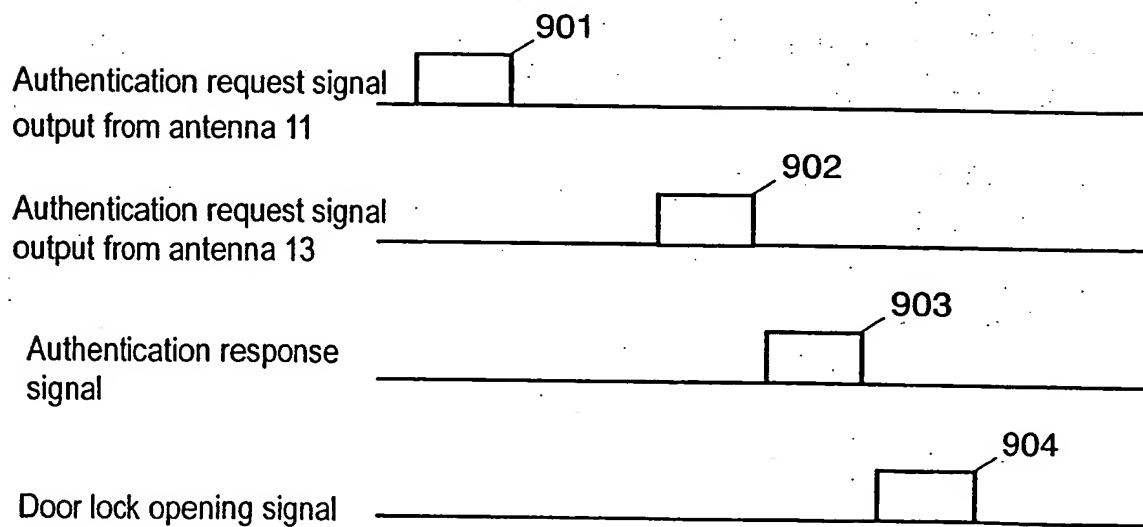


FIG. 9



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FIG. 10

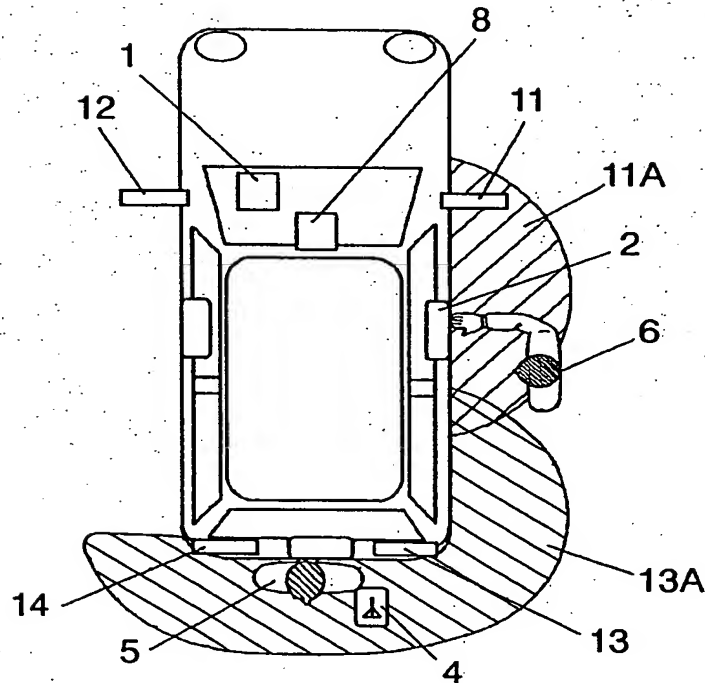
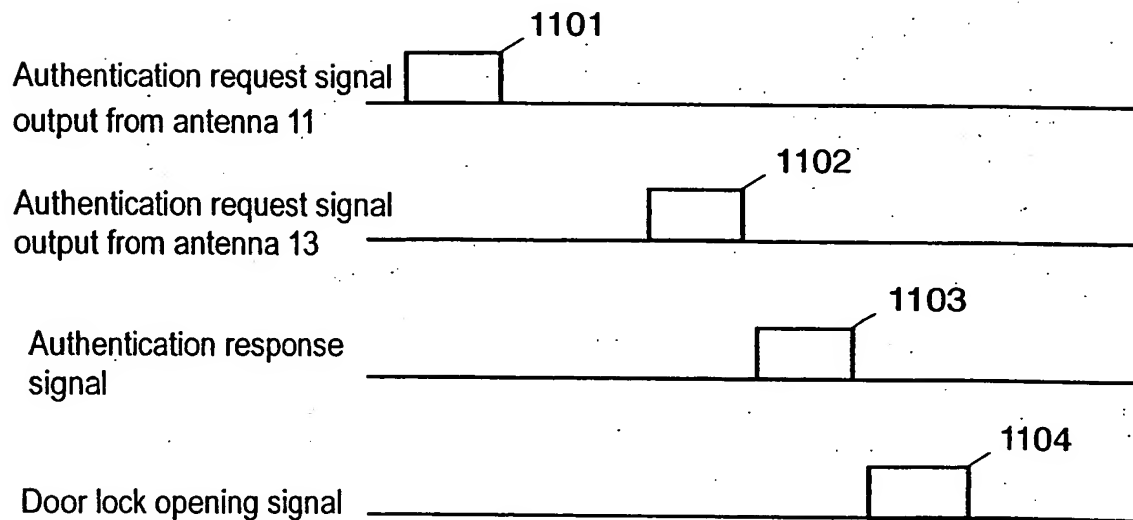


FIG. 11



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Reference numerals in the drawings

- 1 Controller
- 2, 3, 7 Outside door switch
- 4 Mobile device
- 5 Owner of vehicle
- 6 Stranger
- 8 Authentication signal receiver
- 11, 12, 13, 14 Antenna
- 11A, 13A Communication range
- 21 Controller
- 22, 23, 27 Outside door switch
- 24 Mobile device
- 25 Owner of vehicle
- 26 Stranger
- 28 Authentication signal receiver
- 31, 32, 33, 34 Antenna
- 31A, 32A, 33A, 33B, 34A Communication range
- 51 Driver's door
- 52 Assistant driver's door
- 53 Rear bumper
- 201, 501, 502 Authentication request signal
- 202, 503 Interference wave
- 203 Authentication response signal
- 204 Door lock opening signal
- 701, 901, 902, 1101, 1102 Authentication request signal
- 702, 903, 1103 Authentication response signal
- 703, 904, 1104 Door lock opening signal